Customized FORM PTO-1390 (Rev 07-2005)

| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) | | ATTORNEY DOCKET NO. P08853US00/MP | | |
|---|--|--|--|--|
| CONCERNING A FILIN | IG UNDER 35 U.S.C. 371 | US APPL. NO. (If known. see 37CFR 1.5) 10/567,643 | | |
| INTERNATIONAL APPLICATION NO. PCT/NL2004/000580 | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED | | |
| TITLE OF INVENTION: APPARATUS | 16 August 2004 | 18 August 2003 | | |
| APPLICANT(S) FOR DO/EO/US: van de | | | | |
| | mated/Elected Office (DO/EO/US) the following | ng items and other information: | | |
| | f items concerning a filing under 35 U.S.C | - | | |
| | QUENT submission of items concerning | | | |
| 3. This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | |
| 4. The US has been elected (Artic | • | | | |
| 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | |
| | International Application as filed (35 U.S | | | |
| b. has been previously submit | ted under 35 U.S.C. 154(d)(4). rnational Application is in English. | | | |
| 7. Amendments to the claims of t | the International Appln. under PCT Articl | | | |
| | ed only if not communicated by the International Burgary | ational Bureau). | | |
| b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. | | | | |
| 8. An English translation of the a | mendments to the claims under PCT Artic | cle 19 (35 U.S.C. 371(c)(3)). | | |
| 9. An oath or declaration of the | | | | |
| 10. An English translation of the a | nnexes to the Int'l Pre. Exam. Report und | ler PCT Article 36 (35 USC 371(c)(5)). | | |
| Items 11. to 20. below concern docum | | | | |
| | tatement under 37 C.F.R. 1.97 and 1.98. recording. A separate cover sheet in complia | | | |
| 12. An Assignment document for 13. A preliminary amendment. | recording. A separate cover sneet in compila | ince with 37 CFR 3.28 & 3.31 is included. | | |
| 14. An Application Data Sheet und | der 37 CFR 1.76. | | | |
| 15. A substitute specification. | | | | |
| 16. A power of attorney and/or characteristics | • | | | |
| 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 & 37 CFR 1.821-825. | | | | |
| 18. A second copy of the published international application under 35 USC 154(d)(4). | | | | |
| 19. A second copy of the English translation of the international application under 35 USC 154(d)(4). 20. Other items or information: | | | | |
| Return Receipt Postcard. | • | | | |
| A copy of the Notification of Missing Requirements under 35 U.S.C. 371. | | | | |
| In the event that a petition for extension of time is required to be submitted herewith, and in the event that a separate petition does not accompany this response, applicant hereby petitions under 37 CFR 1.136(a) for an extension of time of as many months as are required to render this submission timely. Any fee is authorized in 21(c). | | | | |
| | | Data: January 20, 2007 | | |
| | | Date: January 29, 2007 | | |

Customized FORM PTO-1390 (Rev 07-2005)

| Total Claims S - 20 = 0 X S 50 = S0 | U.S. APPLICATIO | | NTERNATIONAL APPL | | | | ORNEY DOCKET NO. | |
|---|---|---|--------------------|-----------------|---------------|---------------|------------------|--|
| 21. Basic national fee (37 CFR 1.492(a)) S300 \$ 22. Examination fee (37 CFR 1.492(c)) Written Opinion or IPER by US indicates all claims satisfy PCT Art. 33(1-4) \$0 All other situations S200 \$ Written Opinion or IPER by US indicates all claims satisfy PCT Art. 33(1-4) \$0 Has been paid on the Int'l Apph. to the USPTO as ISA \$100 All other situations Sacor Report prepared and provided to the Office \$400 All other situations Sacor Report prepared and provided to the Office \$400 All other situations TOTAL OF 21, 22 AND 23 \$ Size FEE: sheets − 100 = + 50 = | | · · · · · · · · · · · · · · · · · · · | | 2004/000580 | | P08853US00/MP | | |
| 22. Examination fee (37 CFR 1.492(c)) Written Opinion or IPER by US indicates all claims satisfy PCT Art. 33(1-4) SO S All other situations S200 All other situations S200 S Has been paid on the Int'l Appln. to the USPTO as ISA S100 S Has been paid on the Int'l Appln. to the USPTO as ISA S100 S International Search Report prepared and provided to the Office S400 S400 S All other situations S500 S All other situations S500 S SIZE FEE: Sheets 100 = + 50 = | The following fees h | The following fees have been submitted: | | | | CALCULATIONS | PTO USE ONLY | |
| Written Opinion or IPER by US indicates all claims satisfy PCT Art. 33(1-4) S0 \$200 | | | | | \$300 | \$ | | |
| Written Opinion or IPER by US indicates all claims satisfy PCT Art. 33(1-4) S0 | Written Opinion or IPER by US indicates all claims satisfy PCT Art. 33(1-4) \$0 | | | \$ | | | | |
| SIZE FEE: sheets − 100 = | 23. Search fee Written Opinion or IPER by US indicates all claims satisfy PCT Art. 33(1-4) \$0 Has been paid on the Int'l Appln. to the USPTO as ISA \$100 International Search Report prepared and provided to the Office \$400 | | | \$ | | | | |
| Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)) | | | TO | ΓAL OF 21, 22 A | ND 23 | \$ | | |
| the earliest claimed priority date (37 CFR 1.492(e)) CLAIMS NUMBER FILED NUMBER EXTRA RATE Total Claims 8 - 20 = 0 | | | | | | \$ | | |
| Total Claims 8 - 20 = 0 | | | | than 30 months | | \$ 130 | | |
| Multiple Dependent Claims 1 - 03 = 0 | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | |
| Multiple Dependent Claim(s) (if applicable) | Total Claims | 8 - 20 = | 0 | X \$50 = | = | \$0 | | |
| TOTAL OF ABOVE CALCULATIONS = \$130 Applicant claims small entity status - 37 CFR 1.27. Fees above reduced by ½. SUBTOTAL = \$130 Processing fee for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)) \$130 TOTAL NATIONAL FEE = \$130 Fee for recording enclosed assignment (37 CFR 1.21(h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) \$40 per property TOTAL FEES ENCLOSED = \$170 Amount to be Refunded \$ Charged \$ Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filled and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 Signed (for) by: MAME: Marvin Petry REG. NO.: 22752 Signed (for) by: | Independent Claims | 1 - 03 = | 0 | X \$200 | = | \$0 | | |
| Applicant claims small entity status - 37 CFR 1.27. Fees above reduced by ½. SUBTOTAL = \$130 Processing fee for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)) TOTAL NATIONAL FEE = \$130 Fee for recording enclosed assignment (37 CFR 1.21(h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) \$40 per property TOTAL FEES ENCLOSED = \$170 Amount to be \$40 Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & NAME: Marvin Petry REG. NO.: 22752 CUSTOMER NO. 00881 | ☐ Multiple Depend | lent Claim(s) (if appli | cable) | + \$360 | _ | \$ | | |
| SUBTOTAL = \$130 Processing fee for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)) \$130 TOTAL NATIONAL FEE = \$130 Fee for recording enclosed assignment (37 CFR 1.21(h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) \$40 per property TOTAL FEES ENCLOSED = \$170 Amount to be Refunded \$ Charged \$ Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 Signed (for) by: | TOTAL OF ABOVE CALCULATIONS = | | | \$130 | | | | |
| Processing fee for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)) TOTAL NATIONAL FEE = \$130 Fee for recording enclosed assignment (37 CFR 1.21(h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) \$40 per property TOTAL FEES ENCLOSED = \$170 Amount to be Refunded \$ Charged \$ Charged \$ Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 S130 \$ 130 \$ 130 \$ 140 \$ 40 \$ 40 \$ 170 \$ 40 \$ 170 | Applicant claims small entity status - 37 CFR 1.27. Fees above reduced by ½. | | | \$ | | | | |
| TOTAL NATIONAL FEE = \$130 Fee for recording enclosed assignment (37 CFR 1.21(h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) \$40 per property TOTAL FEES ENCLOSED = \$170 Amount to be Refunded \$ Charged \$ Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 Signed (for) by: **MAME: Marvin Petry* REG. NO.: 22752 Signed (for) by: **MAME: Marvin Petry* **REG. NO.: 22752* Signed (for) by: **MAME: Marvin Petry* **REG. NO.: 22752* Signed (for) by: **MAME: Marvin Petry* **REG. NO.: 22752* **MAME: Marvin Petry* **REG. NO.: 22752* Signed (for) by: **MAME: Marvin Petry* **REG. NO.: 22752* **MAME: Marvin Petry* **MAME | SUBTOTAL = | | | \$130 | | | | |
| Fee for recording enclosed assignment (37 CFR 1.21(h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) \$40 per property TOTAL FEES ENCLOSED = \$170 Amount to be Refunded \$ Charged \$ Charged \$ Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 Signed (for) by: Maxwin Petry REG. NO.: 22752 Signed (for) by: Maxwin Petry | | | | \$ | | | | |
| TOTAL FEES ENCLOSED = \$170 Amount to be Refunded \$ Charged \$ Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: REG. NO.: 22752 Signed (for) by: Manual Calling Commission of the | | | TOTAL | NATIONAL I | FEE = | \$130 | | |
| Amount to be Refunded \$ Charged \$ Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 Signed (for) by: NAME: Marvin Petry REG. NO.: 22752 Signed (for) by: NAME: Marvin Petry | | | | \$ 40 | | | | |
| Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 Signed (for) by: Mame: Marvin Petry REG. NO.: 22752 | | | | SED = | \$ 170 | | | |
| Payment of \$170.00 is made by attached Credit Card Payment Form (PTO-2038) ☐ The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. ☐ Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 Signed (for) by: MAME: Marvin Petry REG. NO.: 22752 | Amount to be | | Refunded | \$ | | | | |
| The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS: CUSTOMER NO. 00881 Signed (for) by: MAME: Marvin Petry REG. NO.: 22752 | | Amount to be | | 11 10 00 | Charged | \$ | | |
| or (b)) must be filed and granted to restore the application to pending status. POWER OF ATTORNEY & NAME: Marvin Petry CORRESPONDENCE ADDRESS: REG. NO.: 22752 CUSTOMER NO. 00881 Signed (for) by: //owin Petry | The Commissioner is hereby authorized to charge any additional fees which may be required (except claims fees if the box below is checked) or credit any overpayment to Deposit Account No. 12-0555. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. | | | | | | | |
| CUSTOMER NO. 00881 REG. NO.: 22752 Signed (for) by: | NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | |
| CUSTOMER NO. 00881 Signed (for) by: | POWER OF ATTORNEY | <i>(</i> & | NAME: Marvin Petry | | | | | |
| Signed (for) by: //aww Velly | CORRESPONDENCE A | DDRESS: | REG. NO.: 22752 | | 1 | | | |
| | CUSTOMER 1 | CUSTOMER NO. 00881 Signed (for) by: Marine Vetta | | | ety | | | |
| | Date: January 29, 20 | 9 | | | | | | |

Customized FORM PTO-1390 (REV. 07-2005)

Page 2 of 2

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STITES & HARBISON PLLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314 Tel: 703-739-4900 • FAX: 703-739-9577 • CUSTOMER NO. 00881



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.uspto.gov

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | | ATT | Y. DOCKET NO. | |
|--|--------------------------|-------------------------------|-----------|---------------|--|
| 10/567,643 | Van Den Berg | P08853US00MP | | 853US00MP | |
| | | INTERNATIONAL APPLICATION NO. | | | |
| 881 STITES & HARBISON PLLC 1199 NORTH FAIRFAX STREET | BECEIVED | PCT/NL04/00580 | | | |
| | | I.A. FILI | NG DATE | PRIORITY DATE | |
| | | 08/16 | 5/2004 | 08/18/2003 | |
| SUITE 900 | H-1, M-VLD | | • | | |
| ALEXANDRIA, VA 22314 | CONFIRMATION NO. 2 | | | | |
| . , | JAN 0 5 200 | /371 FORM | | | |
| | | | | | |
| | STITES & HARBISON PLIC L | *OC0000000 | 21812946* | | |
| Date Mailed: 01/04/2007 | | | -) - ! | 4-2007 | |

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/09/2006
- Copy of the International Search Report filed on 02/09/2006
- Preliminary Amendments filed on 02/09/2006
- U.S. Basic National Fees filed on 02/09/2006
- Priority Documents filed on 02/09/2006
- Specification filed on 02/09/2006
- Claims filed on 02/09/2006
- Abstracts filed on 02/09/2006
- Drawings filed on 02/09/2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submittinein reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEFF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/567,643 | PCT/NL04/00580 | P08853US00MP |

FORM PCT/DO/EO/905 (371 Formalities Notice)

